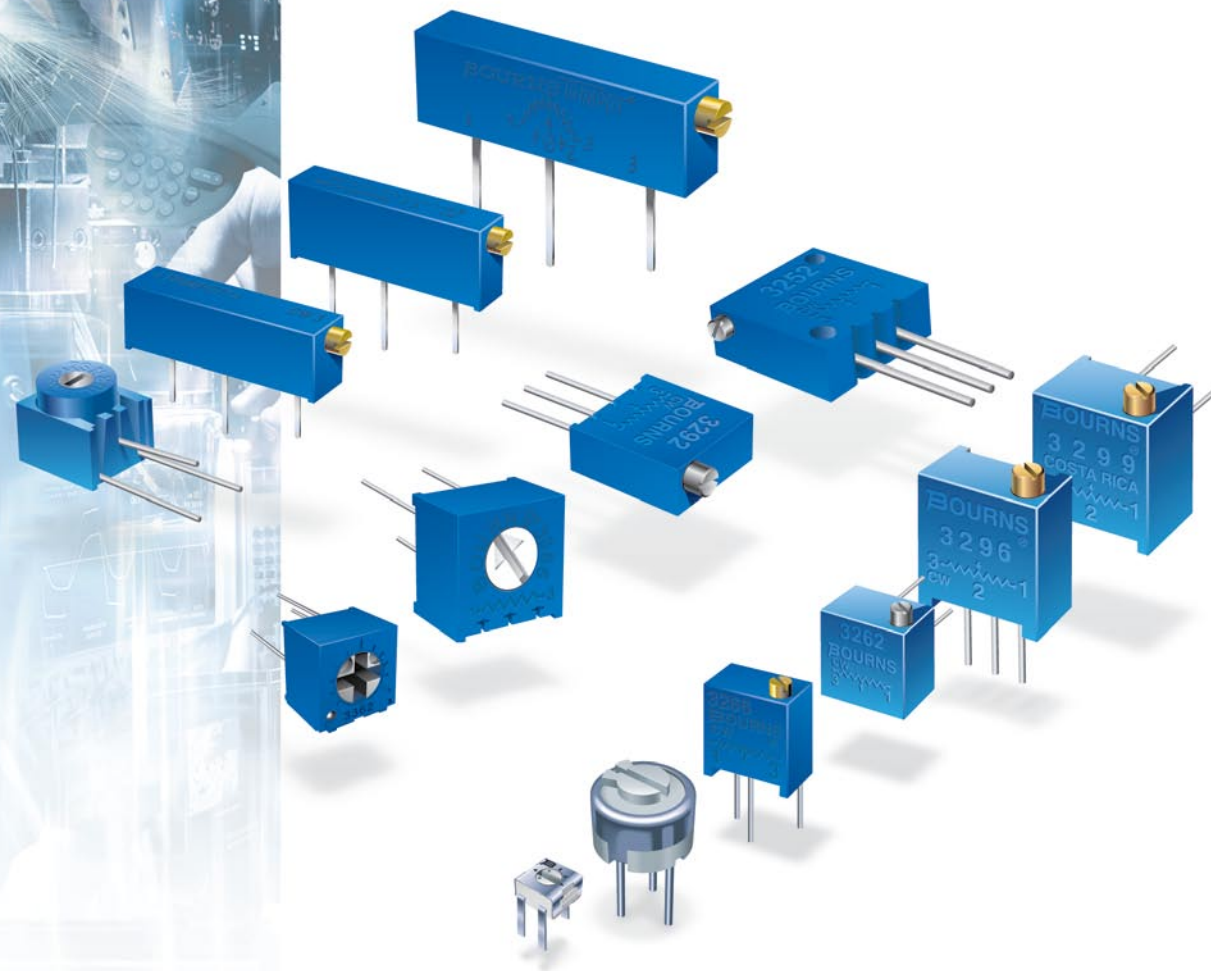


# Bourns® Sealed Through-Hole Cermet Trimming Potentiometers

*Short Form Brochure*



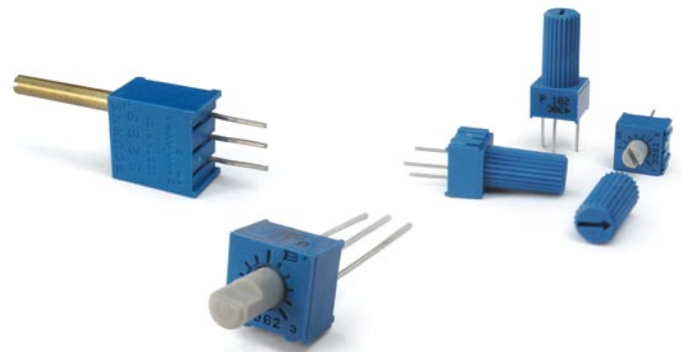
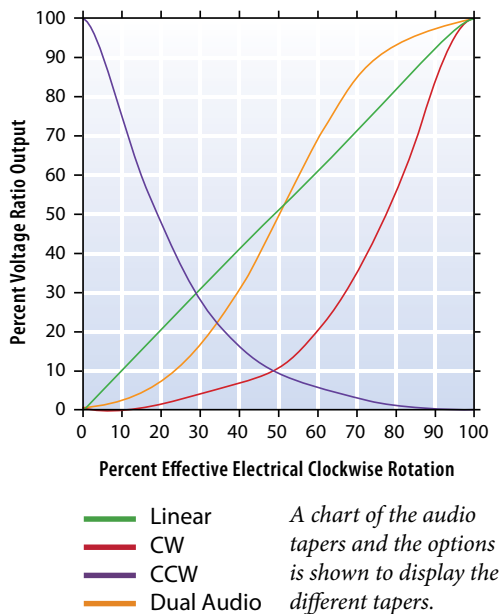
# Introduction

Bourns® Trimpot® Product Line offers the widest array of through-hole sealed trimming potentiometers in the industry. The Trimpot® Product Line takes full advantage of Bourns' core competencies in ceramics, thick-film printing, welding and brazing to offer reliable electronic products. Bourns® Trimpot® is the only product line in the world still manufacturing High-Reliability (RJR, MIL-PRF-39015) military trimmers, along with the broadest offering of QPL Approved (RJ, MIL-PRF-22097) military trimmers.

Trimpot® products are available in RoHS compliant versions. All of our manufacturing facilities are ISO 9001 and ISO 14001 certified.

The Trimpot® Product Line offers various special options to suit your particular application. Product is available in extended and shortened terminals, shaft extensions, long life resistance elements, tighter total resistance tolerances, audio tapers and hardware mounted. Bourns® Trimpot® Product Line offers specials from prototype to high volume quantities.

Bourns® Trimpot® Product Line has aligned itself with worldwide and regional distributors. Log on to our website, [www.bourns.com](http://www.bourns.com) for the most up-to-date distributor information. Purchasing through authorized distributors is also the best way to ensure a continual supply of genuine Bourns® products.

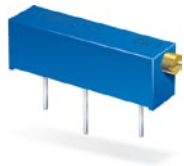


Model Number	Number of Turns		Size							Packaging Options See Note 1	Adjustment See Note 2
	Single	Multi	4mm (1/5")	6mm (1/4")	6mm (5/16")	9mm (3/8")	12mm (1/2")	19mm (3/4")	31mm (1-1/4")		
3006		x						x		T	S
3009		x						x		T	S
3059		x							x	T,B	S
3252		x					x			T,B	T,S
3262		x		x						T	T,S
3266		x		x						T,R	T,S
3292		x				x				T,B	T,S
3296		x				x				T,R	T,S
3299		x				x				T	T,S
3314H	x		x							T	T
3329	x			x						T,R	T,S
3339	x				x					T	T,S
3362	x			x						T,R	T,S
3386	x					x				T,R	T,S

Note 1: T = Tubes, B = Bulk, R = Tape and Reel

Note 2: T = Top Adjust, S = Side Adjust

# Bourns® Sealed Through-Hole Cermet Trimming Potentiometers

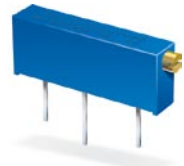


Rotational Life	200 cycles
Number of Turns	15
Power Rating	0.75 watts
Resistance Range	10 ohms to 2 megohms
Tolerance	±10 %
Temp. Coefficient	±100 ppm/°C
Temp. Range	-55 °C to +125 °C

3006

## Features

- ¾" Rectangular
- Low PC board profile
- Available with transparent housing (P style only)
- Sealed to IP65
- Panel mount option
- RoHS compliant versions available

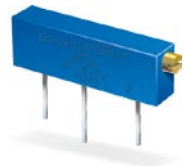


Rotational Life	200 cycles
Number of Turns	15
Power Rating	0.75 watts
Resistance Range	10 ohms to 2 megohms
Tolerance	±10 %
Temp. Coefficient	±100 ppm/°C
Temp. Range	-55 °C to +150 °C

3009

## Features

- ¾"
- Available with transparent housing (P style only)
- Sealed to IP65
- Panel mount option
- RoHS compliant versions available

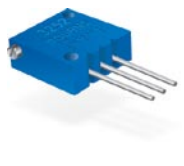


Rotational Life	200 cycles
Number of Turns	22
Power Rating	1.0 watts
Resistance Range	10 ohms to 2 megohms
Tolerance	±10 %
Temp. Coefficient	±100 ppm/°C
Temp. Range	-55 °C to +150 °C

3059

## Features

- 1¼" Rectangular
- Sealed to IP65
- Panel mount option
- J Hook pin style
- Listed on the QPL for RJ12 per MIL-PRF-22097
- RoHS compliant versions available



Rotational Life	200 cycles
Number of Turns	25
Power Rating	0.75 watts
Resistance Range	10 ohms to 2 megohms
Tolerance	±10 %
Temp. Coefficient	±100 ppm/°C
Temp. Range	-65 °C to +150 °C

3252

## Features

- ½" Square
- Sealed to IP65
- Panel mount option
- L flexible "flying" terminal version available
- Listed on the QPL for RJ22 per MIL-PRF-22097
- RoHS compliant versions available



Rotational Life	200 cycles
Number of Turns	12
Power Rating	0.25 watts
Resistance Range	10 ohms to 1 megohm
Tolerance	±10 %
Temp. Coefficient	±100 ppm/°C
Temp. Range	-65 °C to +150 °C

3262

## Features

- ¼" Square
- Low PC board profile
- Sealed to IP65
- Listed on the QPL for RJ26 per MIL-PRF-22097 and RJ26 per High-Rel MIL-PRF-39035
- RoHS compliant versions available



Rotational Life	200 cycles
Number of Turns	12
Power Rating	0.25 watts
Resistance Range	10 ohms to 1 megohm
Tolerance	±10 %
Temp. Coefficient	±100 ppm/°C
Temp. Range	-55 °C to +150 °C

3266

## Features

- ¼" Square
- Standoffs allow thorough PC board washing
- Sealed to IP65
- Tape & Reel and Ammo Pack packaging available (Z and Y pin styles only)
- Listed on the QPL for RJ26 per MIL-PRF-39035 (A and B pin styles only)
- RoHS compliant versions available



**3292**

Rotational Life	200 cycles
Number of Turns	15
Power Rating	0.75 watts
Resistance Range	10 ohms to 2 megohms
Tolerance	±10 %
Temp. Coefficient	±100 ppm/°C
Temp. Range	-65 °C to +150 °C

**Features**

- 3/8" Square
- Thin body profile (.150")
- Sealed to IP65
- L flexible "flying" terminal version available
- Listed on the QPL for RJ24 per MIL-PRF-22097 (L pin style only)
- RoHS compliant versions available



**3296**

Rotational Life	200 cycles
Number of Turns	25
Power Rating	0.5 watts
Resistance Range	10 ohms to 2 megohms
Tolerance	±10 %
Temp. Coefficient	±100 ppm/°C
Temp. Range	-55 °C to +150 °C

**Features**

- 3/8" Square
- Sealed to IP65
- 5 terminal styles
- Panel mount option
- Tape & Reel and Ammo Pack packaging available (X and W pin styles only)
- Listed on the QPL for RJ24 per MIL-PRF-22097 and RJR24 per High-Rel MIL-PRF-39035
- RoHS compliant versions available



**3299**

Rotational Life	200 cycles
Number of Turns	25
Power Rating	0.5 watts
Resistance Range	10 ohms to 2 megohms
Tolerance	±10 %
Temp. Coefficient	±100 ppm/°C
Temp. Range	-55 °C to +150 °C

**Features**

- 3/8" Square
- Sealed to IP65
- 5 terminal styles
- RoHS compliant versions available



**3314H**

Rotational Life	100 cycles
Number of Turns	1
Power Rating	0.25 watts
Resistance Range	10 ohms to 1 megohm
Tolerance	±20 %
Temp. Coefficient	±100 ppm/°C
Temp. Range	-55 °C to +150 °C

**Features**

- 4 mm Square
- Sealed to IP65
- 1 terminal style
- RoHS compliant

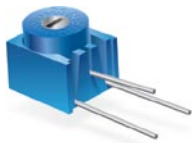


**3329**

Rotational Life	200 cycles
Number of Turns	1
Power Rating	0.5 watts
Resistance Range	10 ohms to 1 megohm
Tolerance	±10 %
Temp. Coefficient	±100 ppm/°C
Temp. Range	-55 °C to +150 °C

**Features**

- 1/4" Round
- Sealed to IP65
- Tape & Reel and Ammo Pack packaging available (M and U pin styles only)
- Listed on the QPL for RJ50 per MIL-PRF-22097 and RJR50 per High-Rel MIL-PRF-39035
- RoHS compliant versions available

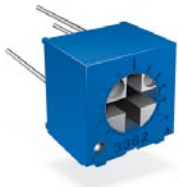


**3339**

Rotational Life	200 cycles
Number of Turns	4
Power Rating	1.0 watts
Resistance Range	10 ohms to 1 megohm
Tolerance	±10 %
Temp. Coefficient	±100 ppm/°C
Temp. Range	-55 °C to +150 °C

**Features**

- 5/16" Round
- Sealed to IP65
- Multiturn in a single-turn package
- RoHS compliant versions available

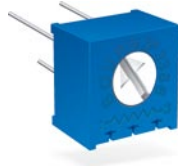


**3362**

Rotational Life	200 cycles
Number of Turns	1
Power Rating	0.5 watts
Resistance Range	10 ohms to 2 megohms
Tolerance	±10 %
Temp. Coefficient	±100 ppm/°C
Temp. Range	-55 °C to +125 °C

**Features**

- ¼" Square
- Sealed to IP65
- Tape & Reel and Ammo Pack packaging available (M, U and P pin styles only)
- Available with a knob for finger adjust
- RoHS compliant versions available



**3386**

Rotational Life	200 cycles
Number of Turns	1
Power Rating	0.5 watts
Resistance Range	10 ohms to 1 megohm
Tolerance	±10 %
Temp. Coefficient	±100 ppm/°C
Temp. Range	-55 °C to +125 °C

**Features**

- 3/8" Square
- Sealed to IP65
- Tape & Reel and Ammo Pack packaging available (W and U pin styles only)
- Available with a knob for finger adjust
- RoHS compliant versions available

## Applications by market:

### Telecom & Communications

- Power Supplies
- Base Stations
- Satellite Systems
- Portable/Hand-Held Radios
- GPS Navigation
- Set-Top Boxes

### Industrial

- Sensors
- Relays
- Laser Diode Drivers
- CCTV Cameras
- Automated Gates/Doors
- Fire Alarms
- Metal Detectors
- Fluid Measurements
- Smoke Detectors
- Industrial/Graphic Printers
- RF ID Systems
- Proximity Sensors
- Bar Code Scanners

### Instrumentation

- Oscilloscopes
- Network Analyzers
- Calibration Equipment
- Radiation and X-ray Testers
- Medical Diagnostic Equipment
- Laser Scanners
- Timers
- Counters
- Power Supplies

### Aerospace & Military

- Military Radios
- Control Systems
- Radar Systems
- Analytical Equipment
- Transmission Equipment
- Avionics
- Laser Altimeters

### Professional Audio

- Mixing Consoles
- Sound Processors
- Electric Guitars
- Instrument Amplifiers
- Keyboards
- Sound Recording Equipment
- Video Editing Stations

### Medical

- Scanners
- Medical Meters
- Communication Equipment
- Temperature and Respiratory Monitors
- Power Supplies
- Blood Chemical Analyzers



### Worldwide Sales Offices

Country	Phone	Fax
Benelux:	+41 (0)41 768 5555	+41 (0)41 768 5510
Brazil:	+55 11 5505 0601	+55 11 5505 4370
China:	+86 21 64821250	+86 21 64821249
France:	+33 (0)2 5473 5151	+33 (0)2 5473 5156
Germany:	+49 (0)69 800 78212	+49 (0)69 800 78299
Ireland/UK:	+44 (0)1276 691087	+44 (0)1276 691088
Italy:	+41 (0)41 768 5555	+41 (0)41 768 5510
Japan:	+81 49 269 3204	+81 49 269 3297
Malaysia (KL Office):	+60 3 71183138	+60 3 71183139
Malaysia (Penang Office):	+60 4 6581771	+60 4 6582771
Singapore:	+65 63487227	+65 63481272
Switzerland:	+41 (0)41 768 5555	+41 (0)41 768 5510
Taiwan:	+886 2 25624117	+886 2 25624116
UK/Ireland:	+44 (0)1276 691087	+44 (0)1276 691088
USA:	+1-951-781-5500	+1-951-781-5006

### Non-Listed European

<b>Countries:</b>	+41 (0)41 768 5555	+41 (0)41 768 5510
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### Technical Assistance

Region	Phone	Fax
Asia-Pacific:	+886 2 25624117	+886 2 25624116
Europe:	+41 (0)41 768 5555	+41 (0)41 768 5510
Americas:	+1-951-781-5500	+1-951-781-5700

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Bourns® products are available through an extensive network of manufacturer's representatives, agents and distributors. To obtain technical applications assistance, a quotation, or to place an order, contact a Bourns representative in your area.

Specifications subject to change without notice. Actual performance in specific customer applications may differ due to the influence of other variables. Customers should verify actual device performance in their specific applications.



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